

OPENING		DIMENSIONS							QUANTITIES	
D	AREA	A	B	C	E	H	L	S	CONC CY	STEEL LBS
INCHES	SQ FT									
14" X 23"	1.8	9"	14"	6"	2'-5"	1'-2"	5'-11"	6"	0.54	33
19" X 30"	3.3	9"	14"	6"	2'-5"	1'-5"	7'-5"	6"	0.70	47
22" X 34"	4.1	12"	16"	10"	3'-2"	1'-7"	8'-2"	6"	1.30	57
24" X 38"	5.1	12"	16"	10"	3'-2"	1'-8"	8'-10"	6"	1.42	64
27" X 42"	6.3	12"	16"	10"	3'-2"	1'-10"	9'-7"	6"	1.57	72
29" X 45"	7.4	12"	16"	10"	3'-2"	1'-11"	10'-4"	8"	1.72	77
32" X 49"	8.8	12"	16"	10"	3'-2"	2'-1"	11'-3"	8"	1.92	85
34" X 53"	10.2	12"	20"	12"	3'-8"	2'-2"	12'-1"	8"	2.31	90
38" X 60"	12.9	12"	20"	12"	3'-8"	2'-6"	13'-7"	8"	2.70	102
43" X 68"	16.6	12"	20"	12"	3'-8"	2'-8"	14'-6"	8"	2.91	118



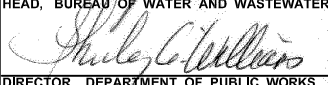
NOTE: QUANTITIES IN TABLE TO BE USED FOR ESTIMATING ONLY

HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE

OPENING		DIMENSIONS							QUANTITIES	
D	AREA	A	B	C	E	H	L	S	CONC CY	STEEL LBS
INCHES	SQ FT									
12	0.79	9"	6"	6"	1'-9"	0'-10"	4'-0"	4"	0.27	24
15	1.23	9"	6"	6"	1'-9"	1'-0 1/2"	4'-9"	4"	0.34	26
18	1.77	9"	6"	6"	1'-9"	1'-3"	5'-6"	4"	0.41	29
21	2.40	9"	6"	6"	1'-9"	1'-5"	6'-3"	4"	0.48	33
24	3.14	9"	14"	6"	2'-5"	1'-6"	7'-0"	6"	0.67	38
27	3.98	9"	14"	6"	2'-5"	1'-8"	7'-9"	6"	0.77	49
30	4.91	9"	14"	6"	2'-5"	1'-9"	8'-6"	6"	0.85	53
33	5.94	9"	14"	6"	2'-5"	1'-11"	9'-3"	6"	0.95	56
36	7.07	12"	16"	10"	3'-2"	2'-0"	10'-0"	6"	1.65	85
42	9.62	12"	16"	10"	3'-2"	2'-3"	11'-6"	8"	1.96	96
48	12.57	12"	16"	10"	3'-2"	2'-6"	13'-0"	8"	2.27	106
54	15.90	12"	20"	12"	3'-8"	2'-9"	14'-6"	8"	2.86	121
60	19.64	12"	20"	12"	3'-8"	3'-0"	16'-0"	8"	3.22	143

NOTE: QUANTITIES IN TABLE TO BE USED FOR ESTIMATING ONLY

CIRCULAR REINFORCED CONCRETE PIPE

	APPROVED: 	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS BUREAU OF WATER AND WASTEWATER	ISSUED	REVISED	REVISED
	HEAD, BUREAU OF WATER AND WASTEWATER 		3 / 2008		
END SUPPORT WALL CIRCULAR AND ELLIPTICAL PIPE TABLES			STANDARD NO. BC 350.02		
			SCALE: NONE	SHEET 2 OF 2	